

Converting Colors

XYZ(34.8799, 35.3238, 44.1202)

Have a look what the booklet for
XYZ(34.8799, 35.3238, 44.1202)
contains.

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Color

**XYZ(34.7775, 35.2188,
43.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	A39EAC
RGB	163, 158, 172
RGB Percent	64%, 62%, 67%
CMY	0.3608, 0.3804, 0.3255
CMYK	0.05, 0.08, 0.00, 0.33
HSL	261°, 8%, 65%
HSV	261°, 8%, 67%
XYZ	34.7775, 35.2188, 43.9947
YIQ	161.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

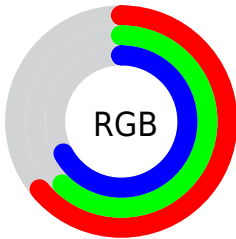
Format	Color
RYB	163, 158, 172
Decimal	10722988
CIELab	65.92, 4.52, -6.62
CIElCh	66, 8.017, 304.352
Yxy	35.2188, 0.3051, 0.3090
Android (android.graphics.Color)	4288913068 (0xFFA39EAC)
YUV	161.0910, 5.3781, 1.6742
Hunter-Lab	59.3454, 0.7497, -2.4118

Details

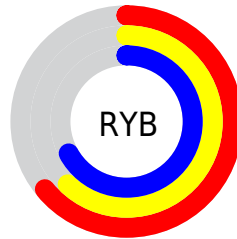
The XYZ color **34.7775, 35.2188, 43.9947** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8618, 40.1901, 38.1641**, and the grayscale version is **33.8957, 35.6609, 38.8347**.

A 20% lighter version of the original color is **66.5728, 68.0400, 82.2973**, and **15.2034, 15.2510, 19.9117** is the 20% darker color. If you saturate the color by 10%, you get **29.8805, 28.6403, 42.9836**, and if you desaturate by 10%, it is **40.2852, 42.7236, 45.1535**.

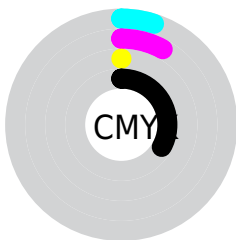
Distribution



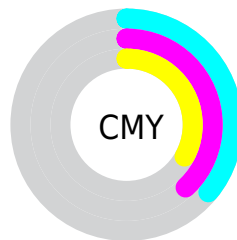
- Red (64%)
- Green (62%)
- Blue (67%)



- Red (64%)
- Yellow (62%)
- Blue (67%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7775, 35.2188, 43.9947 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.7775, 35.2188, 43.9947 by changing the saturation by 10% instead.

■ 34.7775, 35.2188,
43.9947

■ 34.7775, 35.2188,
43.9947

315.1104,
325.5330, 378.7274

■ 23.6572, 23.8315,
30.3292

■ 66.4772, 67.8246,
82.5122

■ 15.2029, 15.2087,
19.8344

■ 87.7874, 89.8118,
108.2012

■ 9.0492, 8.9660,
12.0919

113.2250,
116.1012, 138.7351

■ 4.8306, 4.7190,
6.6830

143.1552,
147.0770, 174.5325

■ 2.1820, 2.0833,
3.1892

177.9435,
183.1237, 216.0119

■ 0.7332, 0.6552,
1.1920

217.9552,

■ 0.0000, 0.0000,

224.6257, 263.5918

0.0000

263.5558,
271.9673, 317.6908

■ 34.7775, 35.2188,
43.9947

■ 34.7775, 35.2188,
43.9947

■ 29.8805, 28.6403,
42.9836

■ 40.2852, 42.7236,
45.1535

■ 25.5691, 22.9472,
42.1119

■ 46.4215, 51.1848,
46.4633

■ 21.8211, 18.1019,
41.3742

■ 53.2070, 60.6364,
47.9300

■ 18.6113, 14.0625,
40.7637

■ 60.6608, 71.1095,
49.5586

■ 15.9126, 10.7834,
40.2730

■ 68.8010, 82.6340,
51.3541

■ 13.6955, 8.2143,
39.8940

■ 75.6336, 91.2154,
52.6503

■ 11.9268, 6.2984,
39.6174

■ 79.2831, 93.0968,
52.8211

■ 10.5686, 4.9701,
39.4326

■ 83.1616, 95.0962,
53.0026

■ 9.5612, 4.1204,
39.3217

■ 84.4465, 95.7586,
53.0628

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.6477, 35.2188, 45.2336



34.7775, 35.2188, 43.9947



35.5721, 35.2188, 41.2436

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.7775, 35.2188, 43.9947



34.4710, 35.2188, 32.7570



31.2521, 35.2188, 38.8449

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.7775, 35.2188, 43.9947



36.8618, 40.1901, 38.1641

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.4609, 35.2188, 35.5898



34.7775, 35.2188, 43.9947



33.3017, 35.2188, 32.1979

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.7775, 35.2188, 43.9947



35.3922, 35.2188, 34.7795



32.2043, 35.2188, 33.2051



31.6271, 35.2188, 42.1511

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.7775, 35.2188, 43.9947



35.7950, 35.2188, 38.9935



32.2043, 35.2188, 33.2051



31.2564, 35.2188, 37.7082

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.7785, 35.2203, 43.9955



69.0546, 71.9968, 81.0630



35.3852, 37.9230, 44.4852



15.0320, 15.6805, 17.6220



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.7785, 35.2203, 43.9955



61.1903, 61.3233, 79.4173



36.2303, 35.9687, 44.0634



7.8387, 7.8911, 10.0627



7.0474, 2.9929, 29.2508



0.2567, 0.1145, 0.8166

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.2164, 36.0160, 41.6040



64.4207, 63.1116, 74.0157



35.4425, 39.4585, 38.0977



8.2138, 8.0988, 9.4368



14.8060, 7.3850, 11.8898



0.4367, 0.2154, 0.4614

Previews

White Background



This preview shows how the XYZ color 34.7775, 35.2188, 43.9947 looks on a white background.

Color Contrast Check

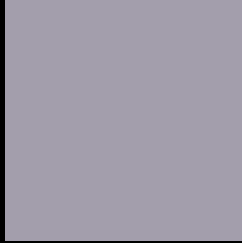
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.7775, 35.2188, 43.9947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

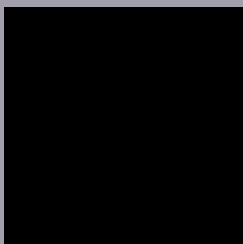
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

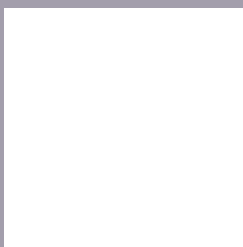
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7775, 35.2188, 43.9947

Background



This preview shows how black text looks on a background with the XYZ color 34.7775, 35.2188, 43.9947.



This preview shows how white text looks on a background with the XYZ color 34.7775, 35.2188,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.7775, 35.2188, 43.9947

Protanopia

34.2390, 35.1843, 44.5218

Deuteranopia

35.9124, 35.3015, 43.9508



Tritanopia

34.6818, 35.1805, 43.4907

Trichromacy



Original Color

34.7775, 35.2188, 43.9947

Protanomaly

34.4382, 35.2870, 44.5311

Deuteranomaly

35.4397, 35.3080, 43.9770

Tritanomaly

34.6818, 35.1805, 43.4907

Monochromacy



Original Color

34.7775, 35.2188, 43.9947

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2626, 35.5396, 40.6513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7775, 35.2188, 43.9947 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(163, 158, 172) looks like.

```
.text, #text, p{  
    color:rgb(163, 158, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 158, 172) }
```

Border

The CSS property to change the border of an element to XYZ 34.7775, 35.2188, 43.9947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 158, 172) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(163, 158, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(163, 158, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(163, 158,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7775, 35.2188, 43.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 158, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163,  
158, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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